RELEVANT AND READY

LANDPOWER IN SERVICE TO THE NATION

UNITED STATES ARMY • PROGRAM OBJECTIVE MEMORANDUM FY08-13

FA49 Orientation to USMA

22 February 2006

MG Thompson

Agenda

What is new in FA49?

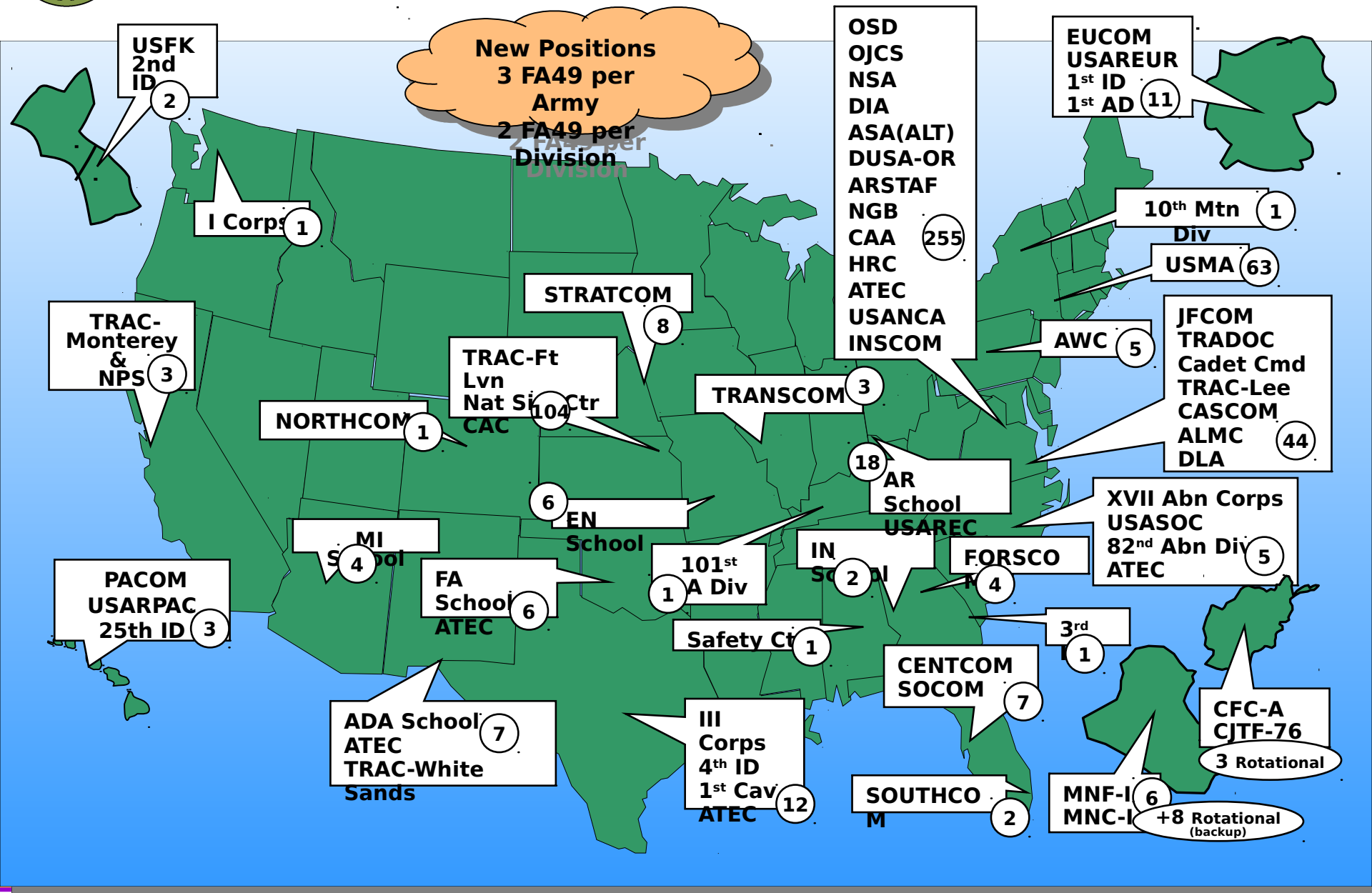
- Authorizations
- Deployments
- Training
- Webpage
- OPMS

FA49 Authorizations

MACOM	CPT	MAJ	LTC	COL	Total
TRADOC	71	84	32	9	196
USMA	33	27	3	0	63
ARSTAF	0	23	27	8	58
DOD	2	4	27	6	39
CAA	0	19	9	4	32
Joint Activities	3	14	14	1	32
FORSCOM	1	13	4	0	18
ATEC	6	7	4	0	17
ARNG	0	12	0	0	12
USARC	0	4	6	0	10
USAEUR	1	6	3	0	10
HRC	0	9	1	0	10
SEC ARMY	0	0	6	2	8
INSCOM	5	1	1	0	7
SOCOM	0	3	1	1	5
DMO	0	3	1	0	4
PACOM	0	2	1	0	3
NATO	0	0	1	0	1
EIGHTH ARMY	0	1	0	0	1
DAIG	0	0	1	0	1
Asymetric Warfare Group	0	1	0	0	1
Info Tech Agency	0	1	0	0	1
USASOC	1	0	0	0	1
Total	123	234	142	31	530

- Approximately 12% of all ORSA assignments are at West Point.
- USMA is the second largest organization for FA49 officers.
- About 80% of all assignments are in 4 locations
  - NCR 255
  - Ft. Leavenworth 104
  - USMA 63
  - Ft. Monroe/Lee 44

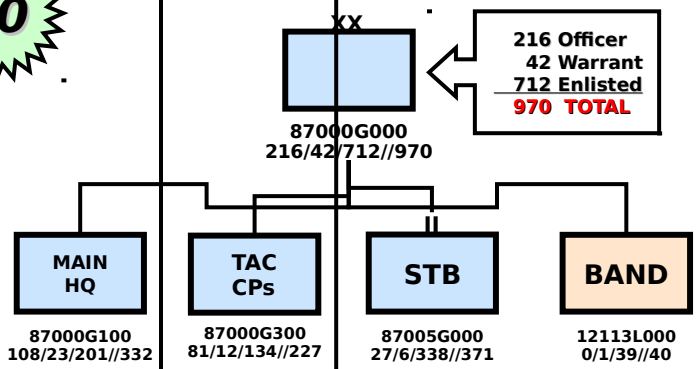
FA49 Locations



Modular Forces

DIVISION HQ (2-STAR)

10



CORPS HQ (3-STAR)

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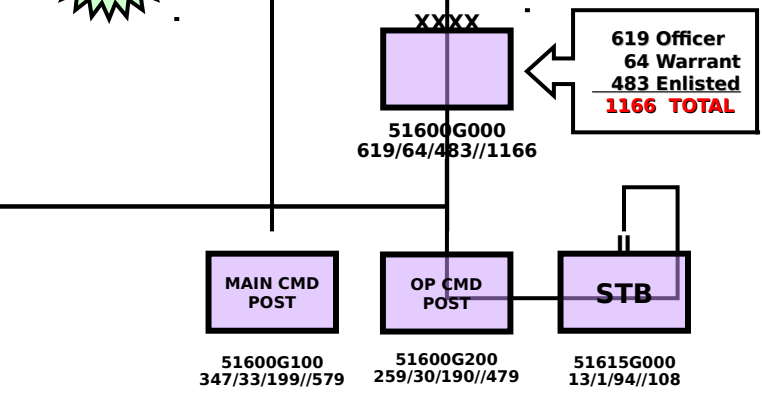
- **Modular Corps designs still pending**
  - **I Corps**
  - **III Corps (FY 09)**
  - **XVIII Corps (FY10)**

ARMY HQ

5



FA49 Structure

DIVISION HQ (2-STAR)
2 x MAJ G-5 Plans

CORPS HQ (3-STAR)
2 x MAJ G-5 Plans
1 x MAJ Future Operations

ARMY HQ
1 x LTC C-3 Plans
2 x MAJ C-3 Plans

Division, Corps and Army

UNIT	FY06	FY07	FY08	FY09
82ND ABN	2	2	2	2
101ST AA	2	2	2	2
1ST CAV	2	2	2	2
2ND ID	1	2	2	2
25TH ID	2	2	2	2
1ST IN DIV	1	1	2	2
4TH ID	2	2	2	2
1ST AR DIV	1	1	1	2
3RD ID	2	2	2	2
10TH MTN	2	2	2	2
PACIFIC	1	1	3	3
III CORPS	1	1	1	2
XVIII CORPS	1	1	1	3
ARCENT	3	3	3	3
USAREUR	2	2	2	5
USARSO	0	3	3	3
USARPAC	0	3	3	3
Total	25	32	35	42

- Structure in the Division, Corps and Army will increase nearly 70% from FY06 to FY09.
- Still pending decisions on the Corps structure.

Deployed

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
	2005	2005	2005	2006	2006	2006	2006	2006	2006	2006	2006	2006	2006	2006	2006	2007	2007	2007	2007	2007	2007
MNC-I	MAJ Nathan Dietrick (CAA)					MAJ Mike Corson (CAA)				Ms. Brownfield (Civ - CAA)											
			LTC Dan Mahoney (CAA)				MAJ Andy Farnsler (CAA)														
				MAJ Joe Roach (I Corps) WIAS# CT-MNCI-00129-02													TBD				
MNF-I	TCS - MAJ Tom Glover (TRAC-LVN) (WIAS# CT-3MNFI-0									TCS - MAJ Mark Gruber (TRAC-WSMR) WIAS # CT-3MNFI-00039-02)											
	MAJ Rich Spainhour (TRAC) WIAS # CT-MNFI-00342-02 (Sep 05 - Sep 06)												TCS - MAJ Ken Harris (USNCA) WIAS # CT-MNFI-00342-03								
	LTC Jennings (G8)			LTC Mick Smith (USMA)					LTC Mauk (DUSA OR)				LTC Horab (G8)			USMA					
	COL Carlton Buchanon (USMA) CT-MNFI-00436												WITSKEN, JEFFREY TRAC LEAVENWORTH CT-MNFI-00436-02								
	COL Sergio **Manago (USAF Backfills)**																				
	LTC Ast (G3) (WIAS)			LTC Leonard Gryzbowksi (TRAC) CT-MNF-I-00160-04													TBD				
	MAJ Chinnery (Safety)			MAJ Tommy Alderman (TRADOC) CT-MNFI-00450-02													TBD				
	MAJ McKitrick (G3)			MAJ Chris Farrel (TRADOC HQ) CT-MNFI-00305-02													TBD				
CFC-A	TCS - LTC Karl Jehle (HRC) (WIAS# CT-CFCA-00412-02)											TCS LTC TBD (WIAS # CT-CFCA-00412-03)									
	MAJ Libby		LTC Paul Hurley (CAA)				MAJ Steve Sparling (CAA)														
CJTF76	**10th Mountain manages rotation w/ analysts 2 Division Hard Coded Positions (Effective 1 Oct 06)**																				
	(MAJ Benard is ORSA on ground w/10th Mtn)																				
	MAJ Bill McClagan (HQ, USAREUR)																				
1C/3ID	**101st and 4th ID manage rotation w/ analysts 2 Division Hard Coded Positions (Effective 1 Oct 06)**																				
	MAJ Vern Bahm (TRAC)									TBD - 4th ID deploys has analysts within											
			(MAJ Burger is ORSA on ground w/101st)																		
	MAJ Rob Williams (3ID)			101st deploys - w/o analysts **(MAJ Bill Welch (TRAC - 12 Feb 06 on 101st slot)**																	

Current Requirements for 19 Analysts
Rotation Length 4 -12 months.

LTC Wes Jennings

- MNF-I Strategy Plans and Assessment Director
- Co-located with the US Embassy Baghdad in the International Zone
- Worked out of the old Presidential Palace

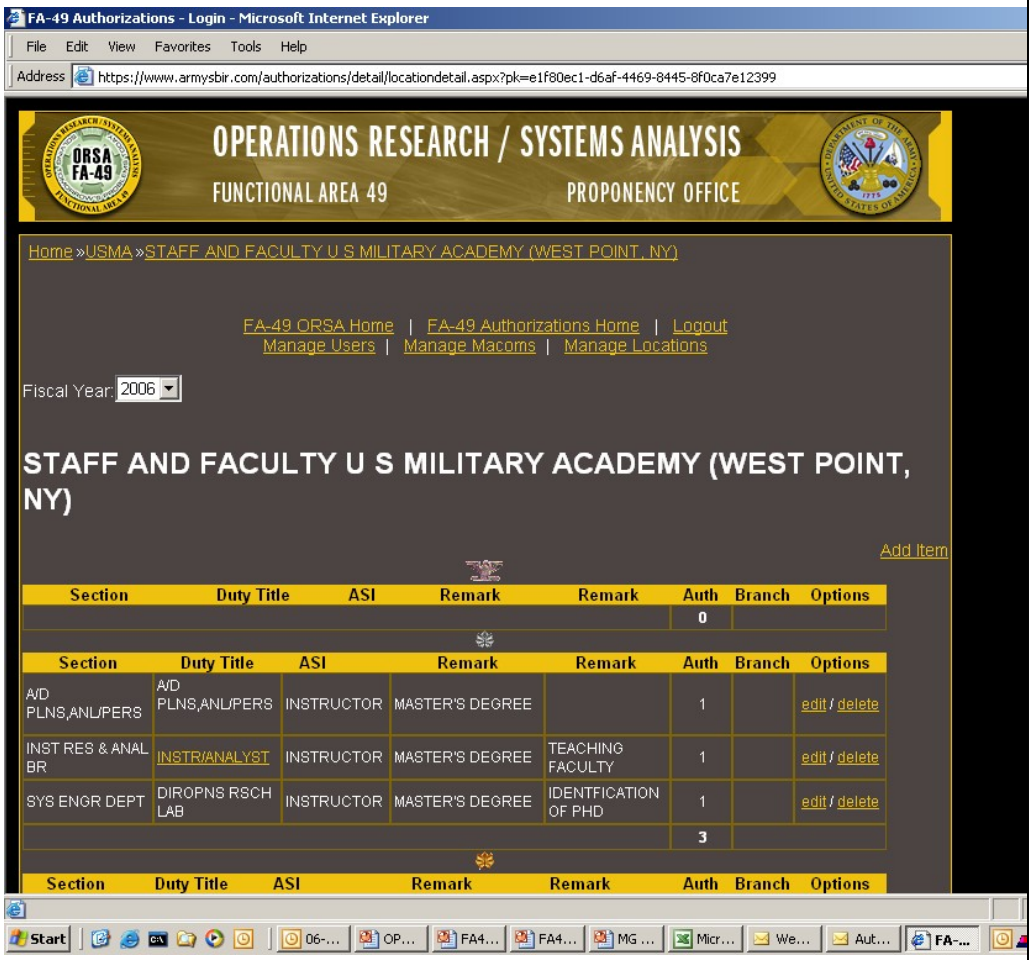
Major Tasks

- Developed way ahead for the Iraqi police in 2006
- Developed Coalition Partner Nation force requirements for 2006 and 2007
- Built a model for predicting the Dec Iraqi elections
- Created a new strategy for working with militias

ALMC

- Lean Six Sigma will become a block of instruction at ORSA MAC later this year. Visiting Professors from USMA may assist with the instruction.
- ORSA Q Course has been moved to Ft. Lee. This is now a requirement for MEL 4 (YG 94 and above).
- USAF will send their officers to ORSA MAC.
- Deployed analyst course provides a toolkit for officers serving in the Division and Army Headquarters (2 weeks).
- ORSA Academic Council will be created to build a certification process for both Military and Civilian Operations Research Analysts.

FA49 Webpage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OPERATIONS RESEARCH / SYSTEMS ANALYSIS
FUNCTIONAL AREA 49
PROPONENCY OFFICE
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FA-49 ORSA Home | FA-49 Authorizations Home | Logout
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Fiscal Year: 2006
STAFF AND FACULTY U S MILITARY ACADEMY (WEST POINT, NY)
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Start

Coming soon…

- FA49 Webpage
- Will replace the newsletter
- Portal for collaboration
- Resource library
- Deployed analysts survey and reference material

OPMS Update

- Expanded Grad School Program, pre- & post-commissioning
- Branch for Service pilot (USMA & ROTC)
- Moved CFD to 7 yr; est. limited 4-Yr CFD
- Revised definition of Command and Key Billet
- Establishing Logistics Officer Corps (TRADOC)
- ARFORGEN Synchronization

OPMS Design

Maneuver, Fires & Effects

Maneuver (AR, IN, AV)

Fires (FA, AD)

Maneuver Support (EN, CM, MP)

SOF (SF, PSYOP, CA)

Effects (IO, PAO)

Force Sustainment

Log Corps - FA 90 (TC, QM, OD)

Soldier Support – (AG/42H– Human Resources, FI/45 - Comptroller)

Special Branches (VC, MS, AN, SP, MC, DC, CH, JA)

Acquisition

Operations Support

Network & Space Operations (SC, Telecomms, Automation, Space Ops)

ISR & Area Expertise (MI, Strat Intel, FAO)

Plan Development (Strat Plans & Policy, Nuclear & Counterproliferation)

Force Development - (Force Management, ORSA)

Training & Education – (Permanent/Academ Professor, Simulation Operations)

Supports:

- Joint & Army doctrine
- Broader officer development, including development of expeditionary competenc
- Broader access to positions

Approved by CSA for implementation, 9 Feb

OPMS for FA49

- Each Proponent was tasked to identify 10% of their structure that could be filled by operations officers.

- FA49 submitted 32 MAJ authorizations from TRADOC and ATEC to the Council of Colonels.
  - There are 376 FA49 MAJ and LTC authorizations
  - HRC has a difficult time filling FA49 CPT authorizations due to a lack of inventory and timelines based on the CFD process.
  - MACOMs with a high concentration of FA49 CPT billets tend to be underfilled.

- By assigning operations officers to these locations the unit strength may increase and preserves the key billets for FA49 officers.

MAJ and LTC FA49 Auths

MACOM	UNIT/ACTIVITY				AUTH OFF	OPMS
USARC	US ARMY RESERVE COMMAND	0	4	6	10	
INSCOM (AS)	US ARMY INTELLIGENCE AND SECURITY COMMAND	5	1	1	2	
ATEC (AT)	US ARMY TEST AND EVALUATION COMMAND (USATEC)	6	7	4	11	2
ARSTAF	OFFICE, CHIEF OF STAFF, US ARMY	0	23	27	50	
DOD	DEPARTMENT OF DEFENSE AGENCIES (DOD)	2	4	27	31	
SOCOM	JOINT SPECIAL OPERATIONS FORCES ACTIVITIES	0	3	1	4	
DMO	DIRECTED MILITARY OVERSTRENGTH	0	3	1	4	
USAEUR	US ARMY, EUROPE AND SEVENTH ARMY	1	6	3	9	
FORSCOM	US FORCES COMMAND	1	13	4	17	
NATO	SUPREME HEADQUARTERS ALLIED POWERS	0	0	1	1	
JOINT ACTIVITIES	JOINT ACTIVITIES (LESS NATO)	3	14	14	28	
USMA	U.S. MILITARY ACADEMY (USMA)	33	27	3	30	
HRC	US ARMY HUMAN RESOURCES COMMAND	0	9	1	10	
ARNG	NATIONAL GUARD (UNITS NOT ON ACTIVE DUTY)	0	12	0	12	
PACOM	US ARMY PACIFIC	0	2	1	3	
EIGHTH ARMY	EIGHTH US ARMY	0	1	0	1	
SEC ARMY	OFFICE, SECRETARY OF THE ARMY	0	0	6	6	
DAIG	SECRETARIAT'S FOAS	0	0	1	1	
ASYMMETRIC WARFARE GROUP	FOAS RESOURCED BY OA-22	0	1	0	1	
INFO TECH AGCY	OSA JOINT & SUPPORT AGENCIES	0	1	0	1	
USASOC	US ARMY SPECIAL OPERATIONS COMMAND (USASOC)	1	0	0	0	
CAA	NON DEPARTMENTAL AMHA STAFF SUPPORT AGENCY	0	19	9	28	
TRADOC	US ARMY TRAINING AND DOCTRINE COMMAND	71	84	32	116	30
Total		**123**	**234**	**142**	**376**	**32**

Next Assignment

PA&E USMA Alumni include:

- COL McCaleb
- COL Phelan
- LTC (P) Hoyt
- LTC Charbonneau
- MAJ Lover
- MAJ Sanders
- MAJ Stokes
- MAJ Matty

Former PA&E USMA Alumni include:

- LTG Melcher
- LTC Angers
- LTC Frederick
- LTC Ferrari

Conducting Analysis, Influencing Policy, Making a Difference

RELEVANT AND READY

LANDPOWER IN SERVICE TO THE NATION

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Questions?

FA49 Mission

The Functional Area 49 (ORSA) provides the Army uniquely skilled officers who produce analysis and other analytic products (e.g., decision aids, models) to underpin decisions by leaders and managers at all levels of the Department of Defense (DOD), and to enable solutions to varied and complex strategic, operational, tactical and managerial issues.

"The FA49 officer introduces quantitative and qualitative analysis to the processes used throughout the military. The kinds of techniques that the ORSA officer applies include probability models, statistical inference, simulations, optimizations and economic models. The functional area contributes directly to personnel management, doctrine and force development, training, system acquisition and resource management, as well as peacetime and wartime operations of the force." -- DA PAM 600-3

Vision

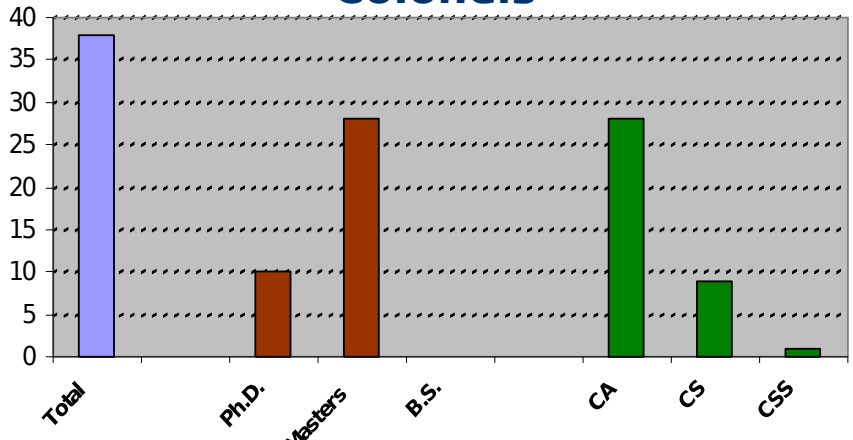
Operations Research System Analysts will be highly skilled and operationally experienced incorporating cutting edge technology and knowledge-based/information rich environment in the constantly changing global environment. ORSAs will be an integral part of the Army leadership's decision-making process in designing the force, determining resource requirements, and managing operational requirements associated with the Global War on Terrorism and transformation to the Objective Force.

Realizing the Vision

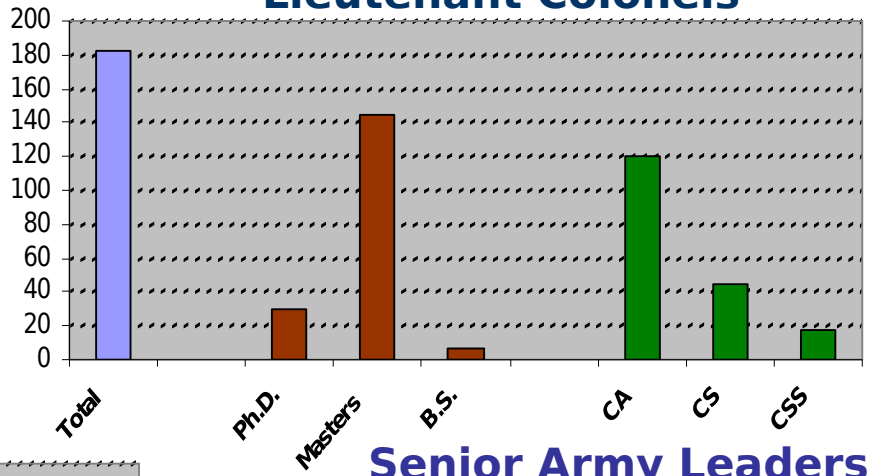
- **Maintain Functional Area 49's operational relevance in a rapidly changing global environment**
- **Encourage professional development through increased educational opportunities and other programs**
- **Recruit high quality individuals with a demonstrated potential to incorporate military experiences and knowledge with analytical tools available**

FA49 Demographics

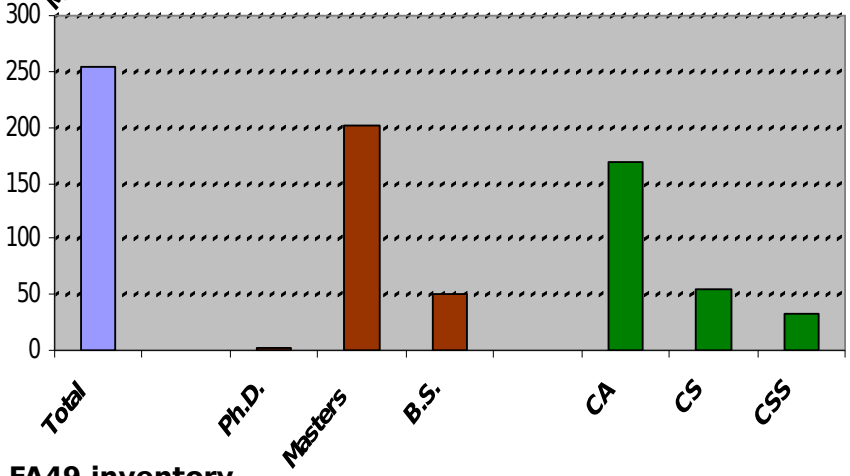
Colonels



Lieutenant Colonels



Majors



Senior Army Leaders

BG - 11
MG - 5
LTG - 3
SA - 1

- **476 in current FA49 inventory**
  - **36% initially attended ORSAMAC I – 66% eventually received masters**
  - **70% of masters/Ph.D graduates participated in a fully funded program**
- **Next CFD Board: May 2006 for Year Group 1996**

Growing FA49 Officers

- **ORSA MAC I – initial FA49 training**
- **Operations Research/Systems Analysis Technologies and Applications Course (ORSATAC) – introduce spreadsheet-based military OR applications and refresh OR skills**
- **Masters Program:**
  - Fully funded ACS (currently with Army students): Naval Postgraduate School, Kansas State, Georgia Tech, Florida International University, MIT, RPI, UT-Austin, Texas A&M, Air Force Institute of Technology, and Colorado School of Mines
  - Primary degree disciplines: ORSA (Engineering), ORSA (Business), Industrial Engineering, Systems Engineering, and Applied Mathematics
  - Associated degree disciplines: Computer Science Management, Business Administration, Systems Management, Mechanical Engineering, Mathematics (General), etc…
  - Professional Development Programs in OR: Kansas State and New Mexico State Universities